Oracle® Retail Integration Bus

Release Notes

Release 13.0.3

September 2009

This document highlights the major changes for Oracle Retail Integration Bus (RIB) Release 13.0.3. RIB 13.0.3 is a full product release that includes defect fixes since RIB 13.0.2.

Oracle Customer Support investigates submitted issues assuming that all released updates have been applied. It is the customer's decision when to apply a new release; however, delays in applying updates can complicate the support process.

Hardware and Software Requirements

See the *Oracle Retail Integration Bus Installation Guide* for information about the following:

- Hardware and software requirements
- Oracle Retail application software compatibility

Issues Addressed in This Release

The following defect fixes are included in RIB 13.0.3.

Defect # / Internal Reference	Functional Area	Summary
Defect 7595129 / ARU 10901667	tafr2	AQ does not allow subscriber names to be more than 30 characters. The TAFR names are changed in rib-integration-flows.xml, rib-rib-tafr.properties, rib-tafr-adapters.xml, and rib-tafr-adapters-resources.properties to meet the length criteria.
Defect 7665134 / ARU 10901669	rdmt4	The TAFR message utility RDMT does not work outside rib-home. Modified the script tafrmsgutil.sh so that the TAFR Msg Utility option under the PUB/SUB/TAFR Msg Menu of RDMT will function both inside and outside rib-home.
Defect 8253851 / ARU 11342862	rib-rms2	External store subscription does not support wholesale/franchise type stores. Added the field store_type varchar2 (1) and WF_CUSTOMER_ID Number (10) to XStoreDesc.xsd

Defect # / Internal Reference	Functional Area	Summary
Defect 8250088 / ARU 11144419	rib-rms2	Message types xitemudacre, xitemudamod, and xitemudadel were missing in RIB-RMS-PLSQL-API.XML. Modified rib-rms-plsql-api.xml to include missing message types.
Defect 7838795 / ARU 11077743	Hospital retry2	RIB does not delete messages from the RIB_ MESSAGE table. Fixed the code for the hospital retrier.
Defect 8281676 / ARU 11500377	RIB2	Timings and audit loggers were not being reset correctly in a highly multithreaded environment. The fix is to reset the log4j logger thread local instance specifically in both the loggers.
Defect 8340647 / ARU 11484713	RIB2	GETNXT and PUBRETRY adapters are publishing messages twice.This issue was the result of two timers being invoked, causing duplicate messages. The client-side Java script code and server side code is fixed to stop the currently running timer (GETNXT/PUBRETRY) if a new or duplicate timer is created.
Defect 8351902 / ARU 11132210	RIB2	XML messages that are escaped and wrapped in Rib messages that RMS sends through RIB are not well formed. Added conversion code to convert the XML escaped characters into the appropriate encoded values if they are present in the message.
Defect 8445215 / ARU 11358553	rib-sim2	The field's packing_method and default_uop are optional values in RMS and SIM applications, but because this is defined as a mandatory field in ItemSupCtyDesc.xsd, SIM throws a castor validation error. These fields are made optional on the RIB side.
Defect 8362002 / ARU 11358446	rib-rwms3	Inventory adjustments in RWMS affect several RIB objects. The following XSDs were modified to match field/column size in RWMSInvAdjustDesc.xsd: WHTransDesc.xsd ItemHdrDesc.xsd WOInRef.xsd WOInDesc.xsd WOOutDesc.xsd WOStatusDesc.xsd SOStatusDesc.xsd Changes apply to WIP codes, trouble codes, and User_id.
Defect 8511728 / ARU 11426576	tafr2	ASNOUTTOASNINLOCTAFR sends ASNOUTCRE to the hospital when the transfer is store-to-store. The message should be dropped by the RIB TAFR when the transfer is store-to-store.

Defect # / Internal Reference	Functional Area	Summary
Defect 8370316 / ARU 11378888	RIB2	This issue occurs for users with primary language Russian, so all the errors appear in Russian. When a message with an error in the RMS level (incorrect shop number or item, for example) is sent into RIB, it should be placed in the RIB_MESSAGE_FAILURE table, but this does not occur. An ORA-01461 error appears in the log file. This issue occurs for all message families. The resolution is to truncate the error description to the database field size limit.
Defect 8512870 / ARU 11415383	rib-rms2	The addr_key in the ADDR table in RMS is defined as NUMBER (11), but the addr key in the RIB_AddrDesc_REC type is defined as number (6). When the addr_key length is greater than 6, RIB does not handle it properly, and all the messages result in ORA-06502 errors in the RMS hospital. The resolution is to change the addr field length from number6 to number11 in AddrDesc.xsd and AddrRef.xsd.
Defect 8529490 / ARU 11389864	rib-rwms2	Object sizes receiving data from LMS_location_ upload.location_id are increased from 12 to 20.
Defect 8525749 / ARU 11379586	rdmt2	RDMT dump gives a null message.Replaced the aqapi.jar with the latest one in RDMT to resolve the issue.
Defect 8428949 / ARU 11389809	RIB3	"The RIB administration GUI does not show Russian letters in logs. Set pageEncoding as UTF-8 for the jsp page that displays the log file.
Defect 8563693 / ARU 11383734	Stubby3	J2EE Stubby errors are encountered on PUB and SUB. Javaee-api-stubs-impl.jar was missing from the ear file, and it has been included in javaee-api-stubs.ear.
Defect 8478532 / ARU 11452582	RIB 3	There are hot fix fixes the following issues: Issue #1: The JMX layer cannot start adapters when called from outside the application. Fixed the start() method not to stop the adapter if the adapter is already running and initial state is stopped. Set the LogFactory to RIB CommonsLogging in start() and startForced (). Issue #2: If the system performance is too high, then during installation of RIB, adapters are not starting initially. Resolution is loading the RIB integration flows factory locally before starting all the adapters. Issue #3: An invreq message, when sent with a string instead of number in the payload, gives a namespace error. Returning the proper error message during the validation of the message if the message is not proper.

Defect # / Internal Reference	Functional Area	Summary
		Issue #4: Messages are not published properly to the right JMS when RIB is configured with multi JMS. Removed the instance variables in ApplicationMessagePublisherEjb.java that are causing issues and changed them as local since they are being fouled when multiple instances are shared between instances and multi JMS is configured.
Defect 8587908 / ARU 11482874	Customization 3	This defect fix supports the addition of customized message flows with message flow ID starting from 901 in rib-integration-flows.xml. The RibIntegrationFlowsXml.java in rib-app-builder.jar has been modified to address the issue.
Defect 8623390 / ARU 11508968	rib-rms2	The following columns are added to RIB_XItemLocDtl_REC: SOURCE_METHOD VARCHAR2 (1) SOURCE_WH NUMBER (10)
Defect 8228390 / ARU	tafr2	A new TAFR, ASNInToASNInLoc, is added on the RIB side.
Defect 8601246 / ARU	rib-rms2	Added AIP_CASE_TYPE and BANDED_ITEM_IND columns to XItemDesc, and PRIMARY_CASE_SIZE column to XItemSupDesc in XItemDesc.xsd.
Defect 8617461	RIHA2	This hot fix addresses the following issues: 1) The RIHA Import file is not working properly. 2) When retrieving a message that includes mb characters from the local system, RIHA gives an "unable to unmarshall" error. 3) The Import from File utility is not working in RIHA deployed in a central location.
Defect 8626962	rib-rms2	Add the secondary supplier description to the supplier object. After the field SUP_NAME_SECONDARY was added to the table SUPS to allow the users to have a secondary description on the supplier, the Vendor Subscription API (RMSSUB_VENDORCRE) was not updated to handle this new field and insert it when creating or maintaining suppliers from an external financial system.

Known Issues

The following are known issues in RIB 13.0.3.

Internal ID	Description	Mitigation / Workaround
HPQC#1996	PL/SQL applications consume too many database connections.	N/A
HPQC#1999	When multiple JMS servers are deployed on the same database server (a database having two or more AQ schemas), an issue occurs in OC4J in which admin objects for managing the JMS topics are not generated correctly. As a result, the adapters shut down.	For AQ, the recommended deployment configuration is to deploy each JMS in its own database. If the database is shared for multiple JMSs, this situation Occurs.
HPQC#1558	An "unable to resolve type" error occurs. Sometimes this error occurs even though the Oracle objects are valid.	This issue seems to go away after few retries, or after recompiling the objects while RIB is shut down.
- - -	Multichannel configuration and PL/SQL APIs.	Multichannel configuration cannot be applied to all the PL/SQL (RMS and RWMS) APIs. See the integration sections of RMS and RWMS documentation for more information.
HPQC#2008	The RIB log shows the exception "ORA-21700: object does not exist or is marked for delete."	This error occurs sometimes even if the objects are valid. The frequency of occurrence of this situation is very low. It can be resolved, however, by recompiling the objects. (RIB should be shut down during this operation.)

Related Documentation

For more information, see the following documents in the Oracle Retail Integration Bus Release 13.0.3 documentation set:

- *Oracle Retail Integration Bus Implementation Guide*
- *Oracle Retail Integration Bus Installation Guide*
- *Oracle Retail Integration Bus Operations Guide*

> **Note:** Beginning with the Oracle Retail Integration Bus 13.0.3 release, the *Oracle Retail Integration Bus Integration Guide* for RIB 13.0.3 and later is published on My Oracle Support (formerly MetaLink), rather than as a generally available (GA) document. Publishing the guide to My Oracle Support allows more flexibility in updating its content.

Access My Oracle Support at the following URL:

https://metalink.oracle.com

Oracle Retail Integration Bus Integration Guide (Doc ID 889179.1)

The RIB Integration Guide is an HTML document that summarizes the Oracle Retail messaging integration by functional area. Each functional area (or message family) includes the publishing and subscribing application's components, message documents, and TAFR operations (if applicable).

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